

Docket No.: JP03/04591  
KAS.064

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/510352  
DT04 Rec'd PCT/PTO 06 OCT 2004

In re patent application of

Shinsuke Sugata, et al.

Serial No.: Not Yet Assigned

Group Art Unit: Not Yet Assigned

Filing Date: Not Yet Assigned

Examiner: Unknown

For: WORK CARRIER

Honorable Commissioner of Patent  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Under the provisions of 37 CFR §1.97 through §1.99 and pursuant to applicant's duty of disclosure under 37 CFR §1.56, applicant respectfully brings the following documents listed on the attached form PTO-1449 cited in the International Search Report of International Application No. PCT/JP03/04591. The relevance of each document is indicated in the International Search Report.

Copies of the documents are not being provided since copies are furnished directly by WIPO under an exchange program between the PTO, the EPO and the JPO.

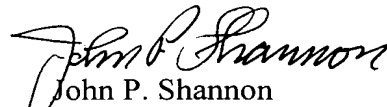
If the copies were not furnished a copy of a cited document is desired, please inform the undersigned and a copy of the missing documents will be supplied.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

It is respectfully requested that the listed references be considered by the Examiner and formally made of record in this application.

Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-0481.

Respectfully submitted,

  
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# INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Docket Number (Optional)

JP03/04591

Application Number

10/510352

Not Yet Assigned

Applicant(s)

DT04 Rec'd 06 OCT 2004

Shinsuke Sugata, et al.

Filing Date

Concurrently Herewith

Group Art Unit

Not Yet Assigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
		9-156743	06/17/1997	Japan				
		11-90760	04/06/1999	Japan				

## OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

		Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 41022/1996 (Laid-open No. 153032/1987) (Kabushiki Kaisha Kira Tekkosho), September 28, 1987, page 10 line 11 to page 13 line 9.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP03/04591

## A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.<sup>7</sup> B23Q7/14

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.<sup>7</sup> B23Q7/14, B23Q7/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho 1922-1996 Toroku Jitsuyo Shinan Koho 1994-2003

Kokai Jitsuyo Shinan Koho 1971-2003 Jitsuyo Shinan Toroku Koho 1996-2003

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 9-156743 A (Kabushiki Kaisha Mekusu), 17 June, 1997 (17.06.97), Full text (Family: none)	1-5
Y	JP 11-90760 A (Horkos Corp.), 06 April, 1999 (06.04.99), Full text (Family: none)	1-5
Y	Microfilm of the specification and drawings annexed to the request of Japanese Utility Model Application No. 41022/1986 (Laid-open No. 153032/1987) (Kabushiki Kaisha Kira Tekkosho), 28 September, 1987 (28.09.87), Page 10, line 11 to page 13, line 9 (Family: none)	1-5

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:	"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search  
02 July, 2003 (02.07.03)Date of mailing of the international search report  
15 July, 2003 (15.07.03)Name and mailing address of the ISA/  
Japanese Patent Office

Authorized officer

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